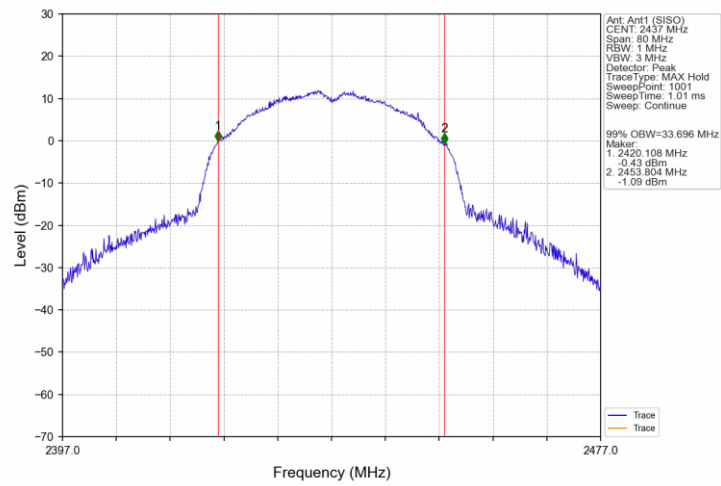
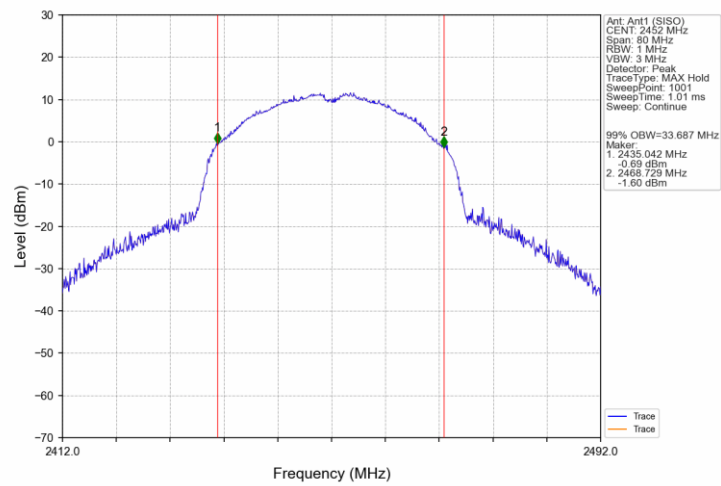


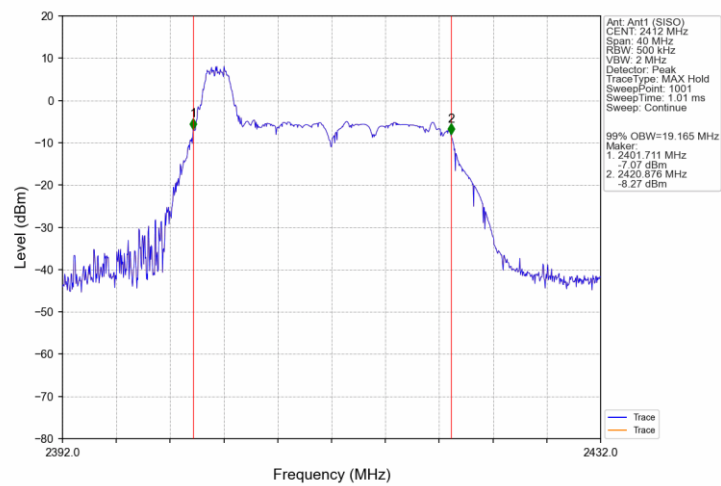
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



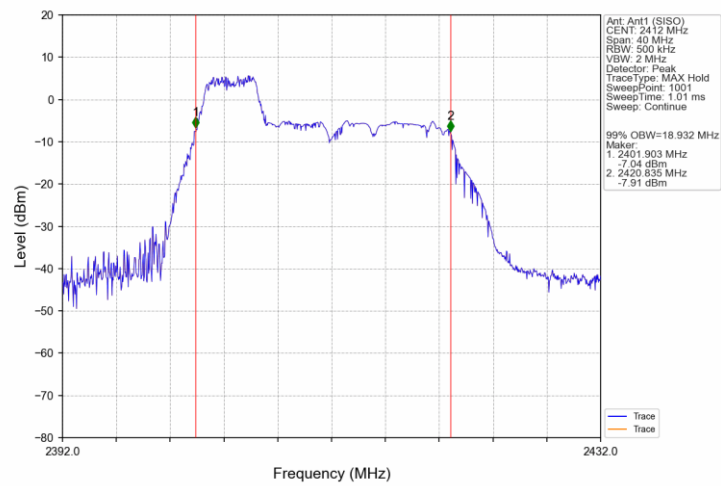
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



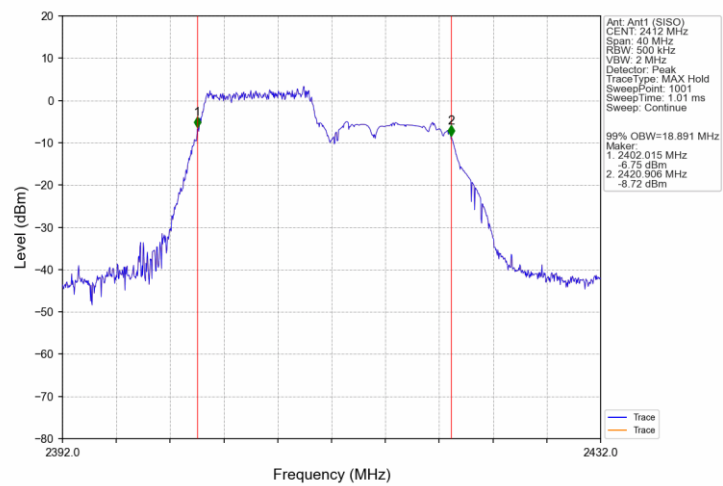
802.11ax(HEW20)_LCH_2412MHz_RU26_0_Ant1 (SISO)_NTNV



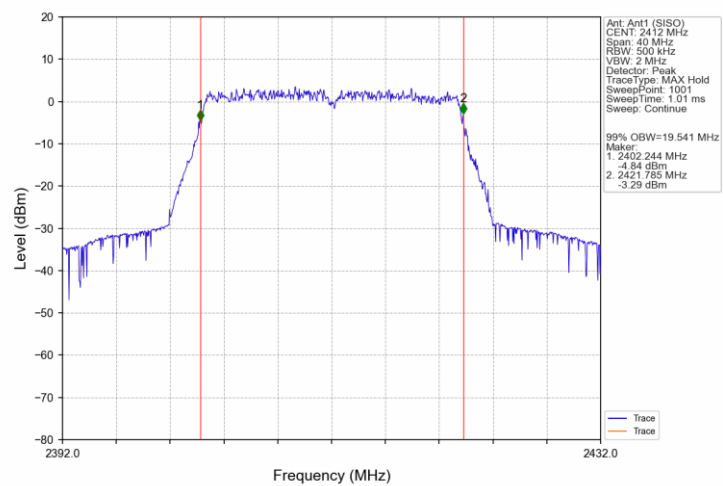
802.11ax(HEW20)_LCH_2412MHz_RU52_37_Ant1 (SISO)_NTNV



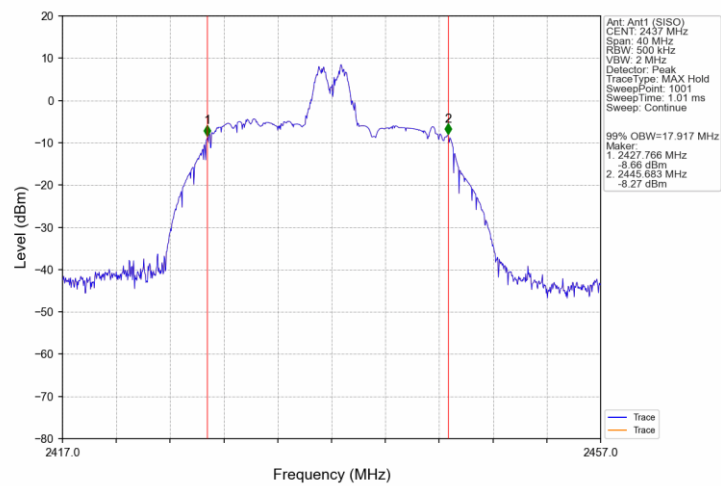
802.11ax(HEW20)_LCH_2412MHz_RU106_53_Ant1 (SISO)_NTNV



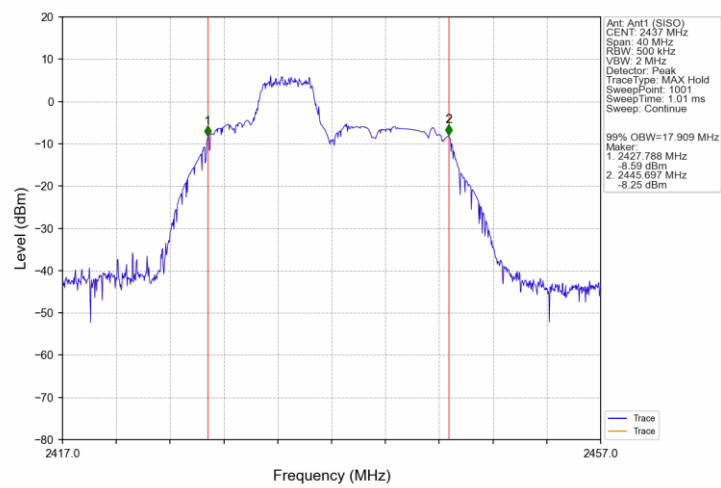
802.11ax(HEW20)_LCH_2412MHz_RU242_61_Ant1 (SISO)_NTNV



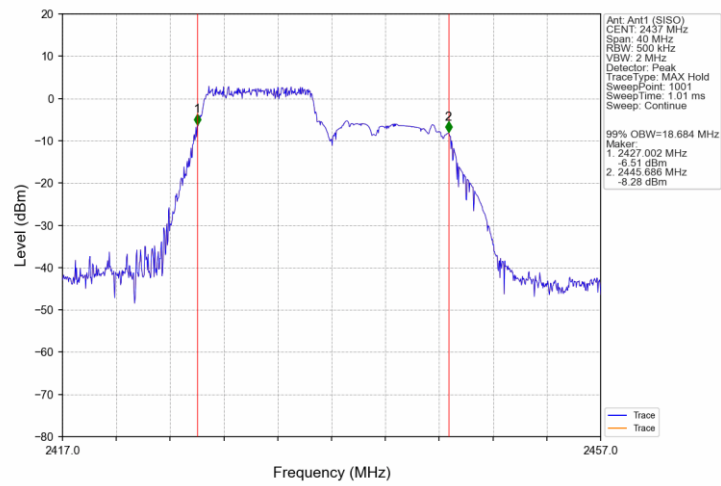
802.11ax(HEW20)_MCH_2437MHz_RU26_0_Ant1 (SISO)_NTNV



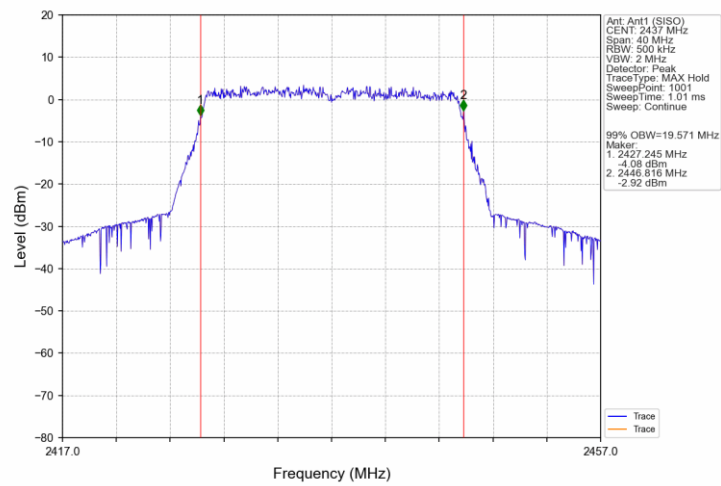
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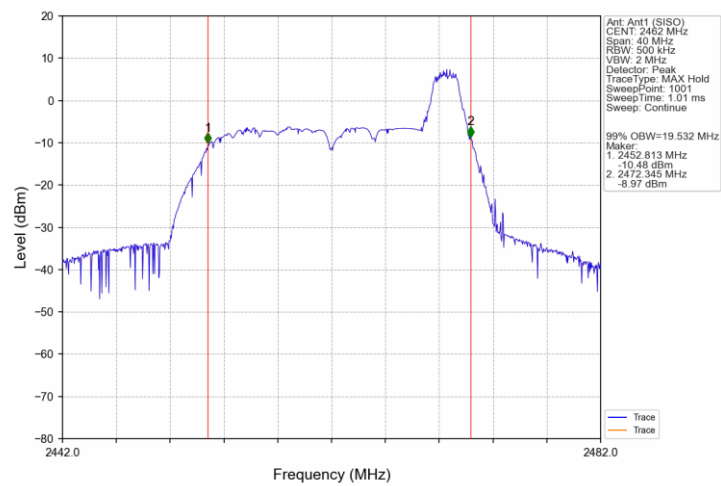
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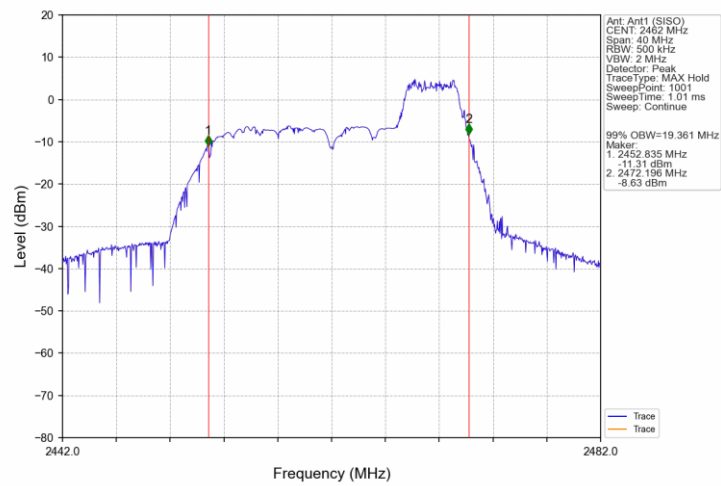
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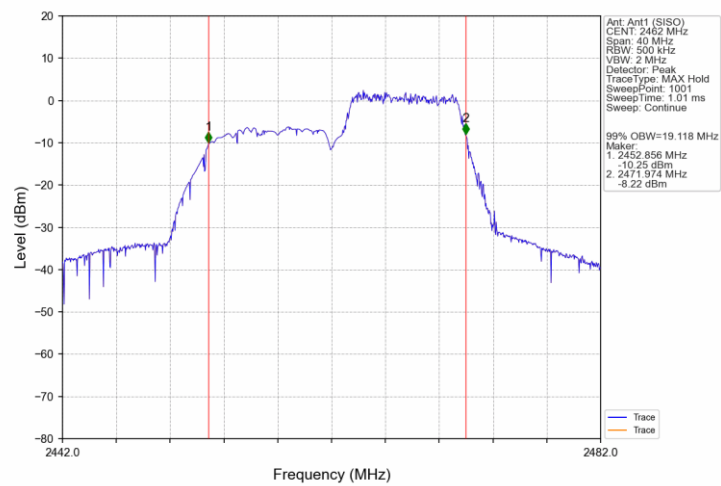
802.11ax(HEW20)_HCH_2462MHz_RU26_8_Ant1 (SISO)_NTNV



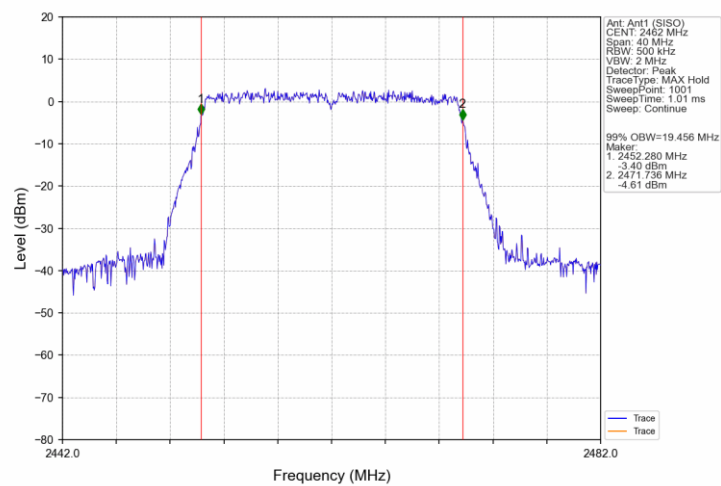
802.11ax(HEW20)_HCH_2462MHz_RU52_40_Ant1 (SISO)_NTNV



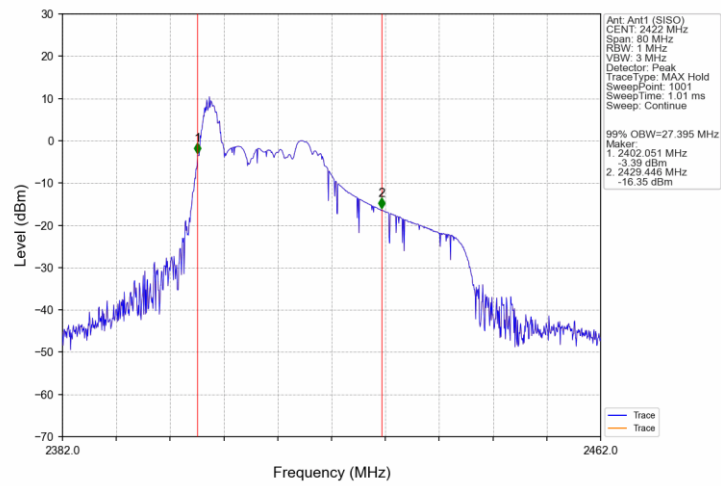
802.11ax(HEW20)_HCH_2462MHz_RU106_54_Ant1 (SISO)_NTNV



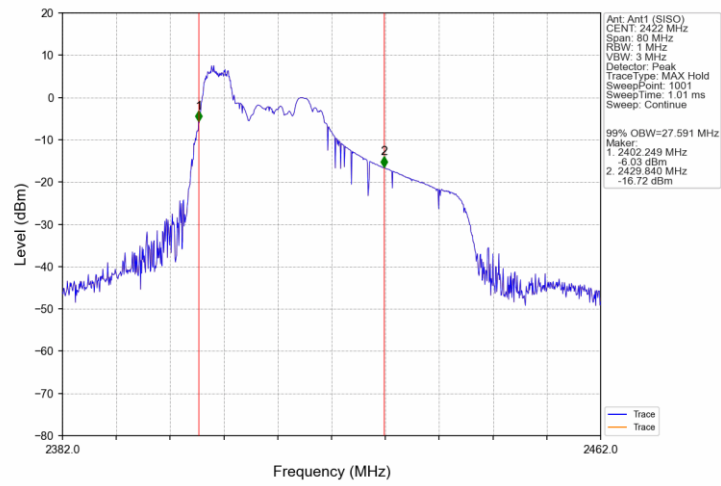
802.11ax(HEW20)_HCH_2462MHz_RU242_61_Ant1 (SISO)_NTNV



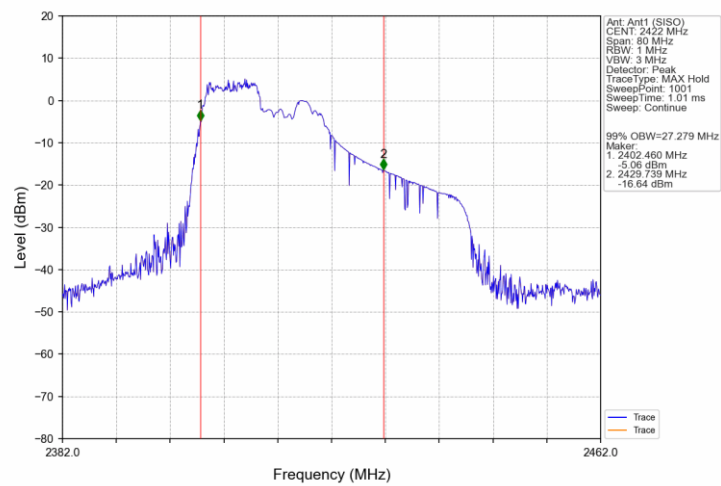
802.11ax(HEW40)_LCH_2422MHz_RU26_0_Ant1 (SISO)_NTNV



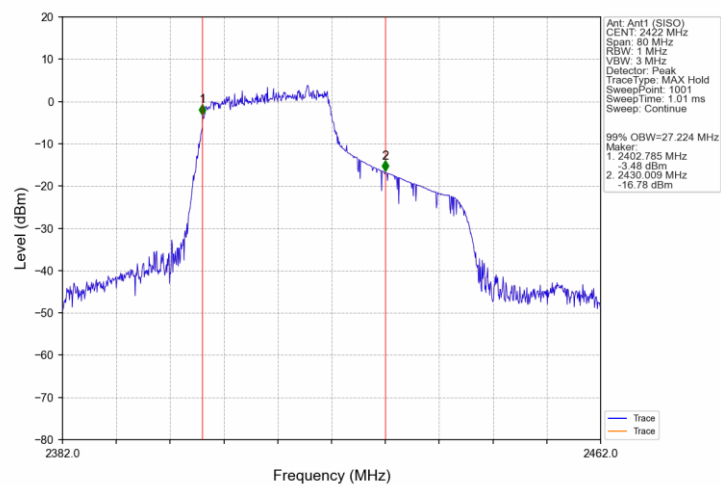
802.11ax(HEW40)_LCH_2422MHz_RU52_37_Ant1 (SISO)_NTNV



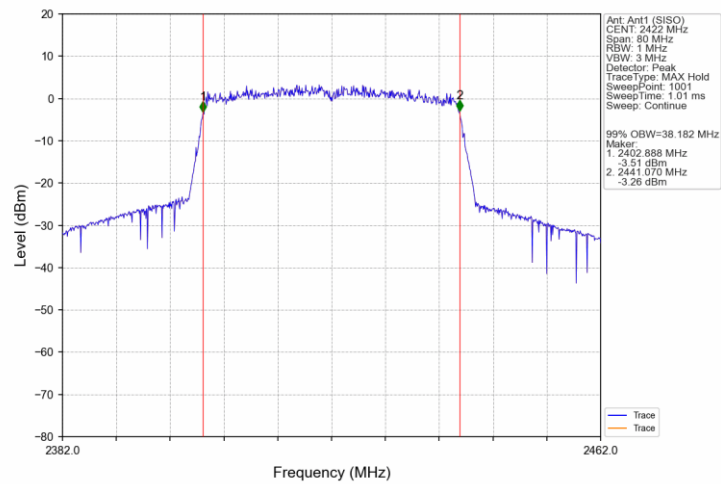
802.11ax(HEW40)_LCH_2422MHz_RU106_53_Ant1 (SISO)_NTNV



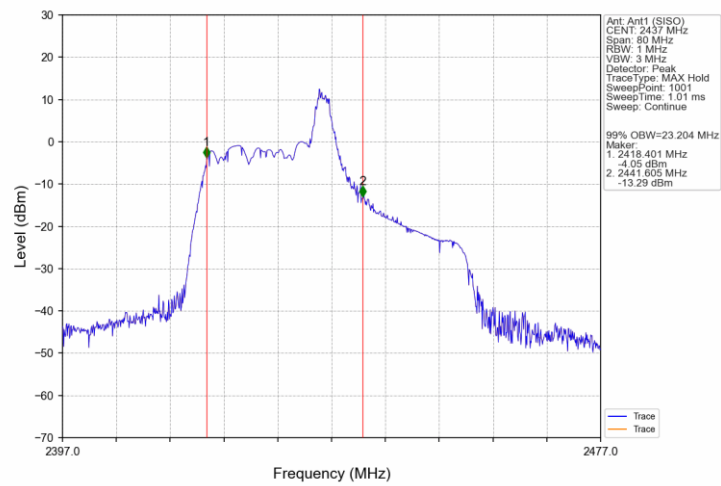
802.11ax(HEW40)_LCH_2422MHz_RU242_61_Ant1 (SISO)_NTNV



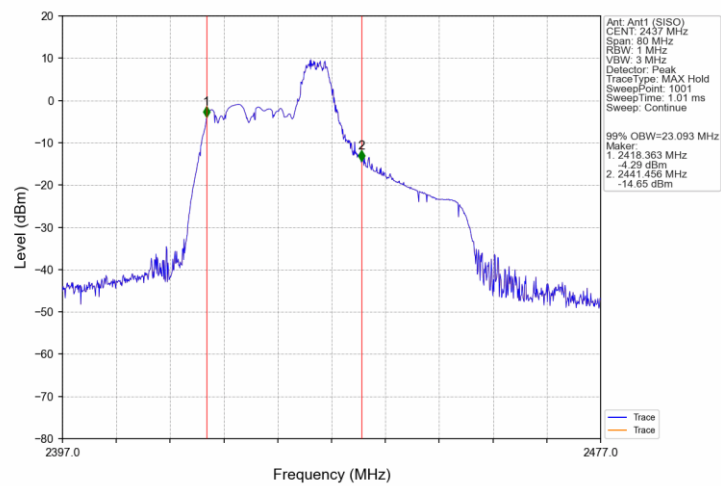
802.11ax(HEW40)_LCH_2422MHz_RU484_65_Ant1 (SISO)_NTNV



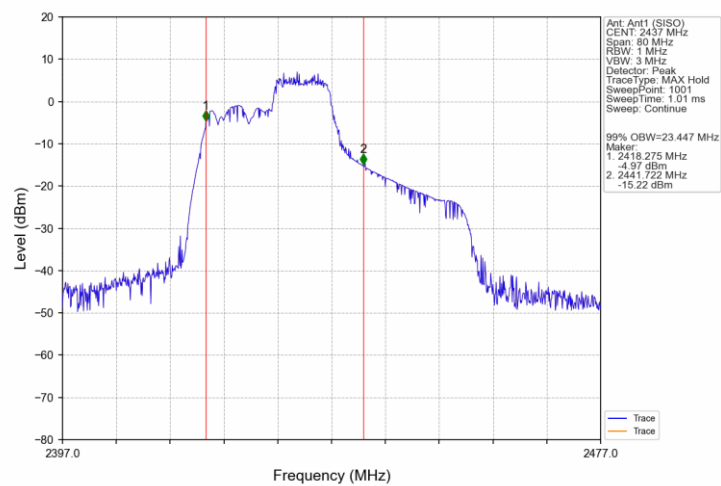
802.11ax(HEW40)_MCH_2437MHz_RU26_0_Ant1 (SISO)_NTNV



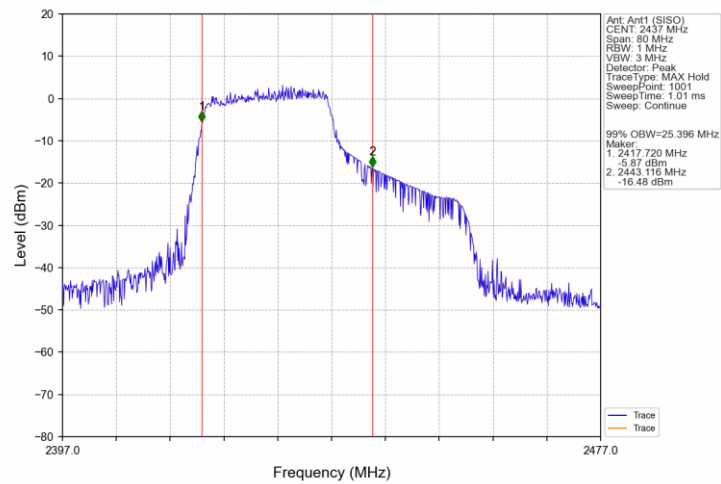
802.11ax(HEW40)_MCH_2437MHz_RU52_37_Ant1 (SISO)_NTNV



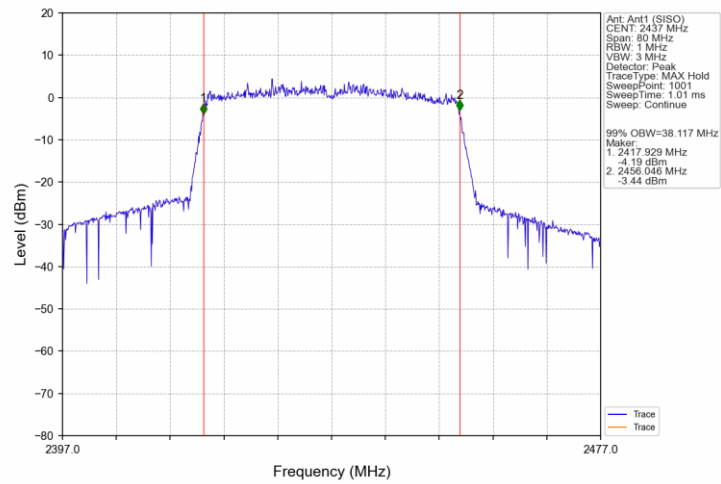
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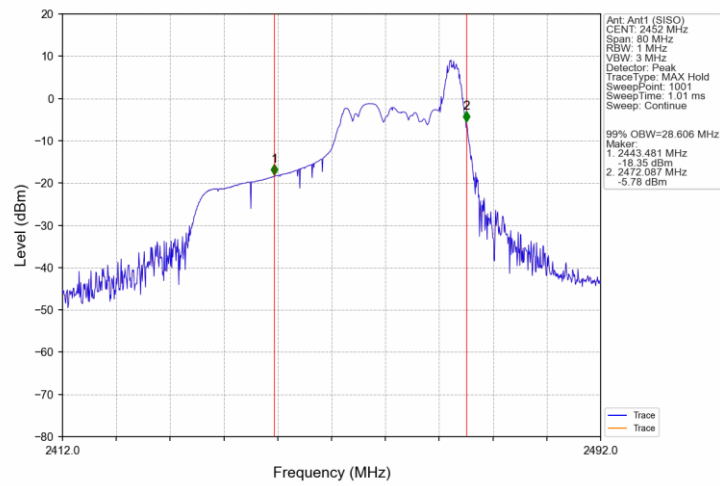
802.11ax(HEW40)_MCH_2437MHz_RU242_61_Ant1 (SISO)_NTNV



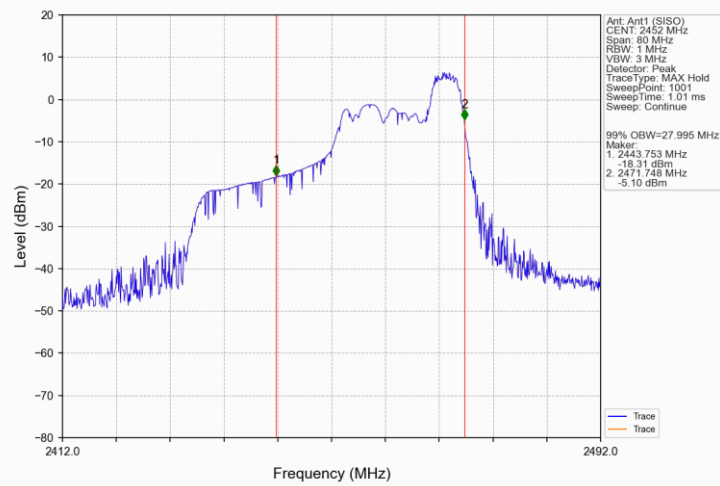
802.11ax(HEW40)_MCH_2437MHz_RU484_65_Ant1 (SISO)_NTNV



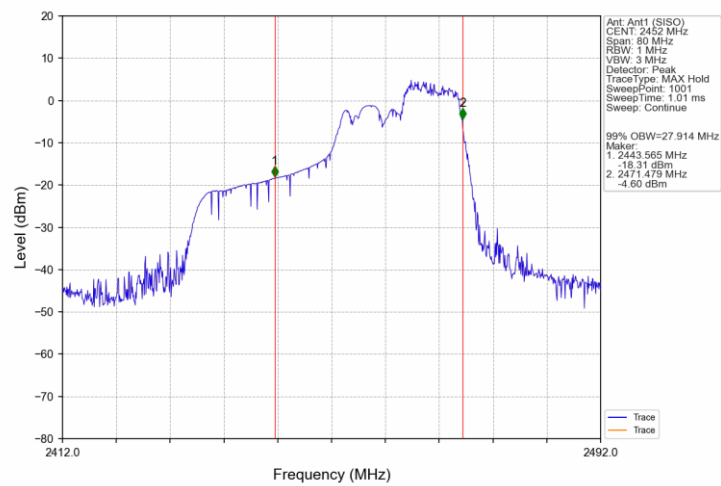
802.11ax(HEW40)_HCH_2452MHz_RU26_17_Ant1 (SISO)_NTNV



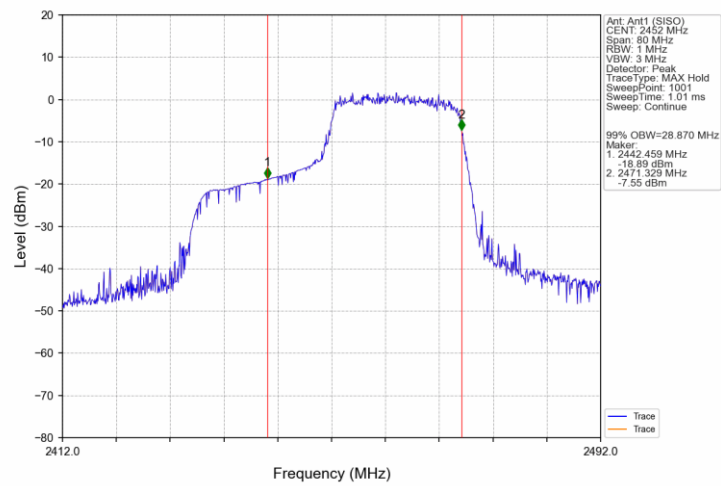
802.11ax(HEW40)_HCH_2452MHz_RU52_44_Ant1 (SISO)_NTNV



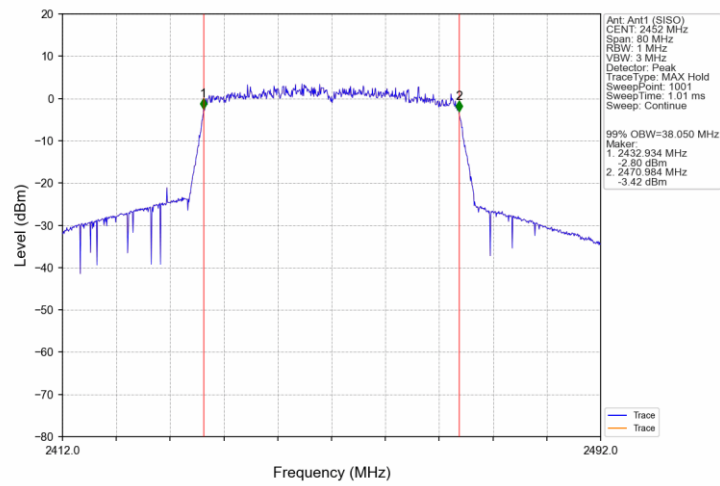
802.11ax(HEW40)_HCH_2452MHz_RU106_56_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU242_62_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_65_Ant1 (SISO)_NTNV



9.3 Power Spectral Density

Test Method

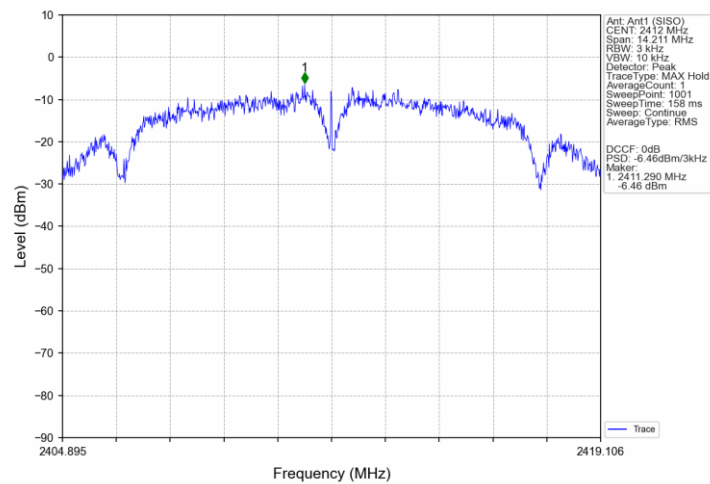
1. The RF output of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Set to the maximum power setting, the instrument center frequency is set to the nominal EUT channel center frequency enable the EUT transmit continuously.
3. Use the following spectrum analyzer settings:
4. Set analyzer center frequency to DTS channel center frequency. RBW=3kHz, VBW≥3RBW, Span=1.5 times DTS bandwidth, Detector=Peak, Sweep=auto, Trace= max hold.
5. Allow trace to fully stabilize, use the peak marker function to determine the maximum amplitude level within the RBW.
6. Repeat above procedures until other frequencies measured were completed.

Limit

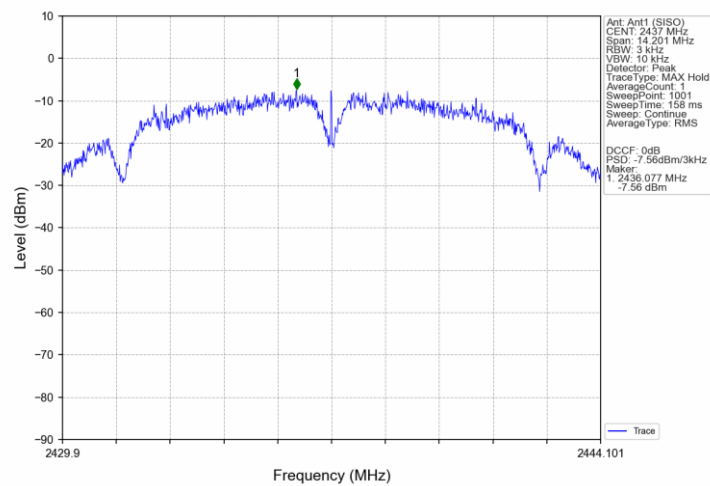
Limit [dBm/3KHz]
≤8

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	-6.46	≤8	Pass
		2437	/	/	-7.56	≤8	Pass
		2462	/	/	1.90	≤8	Pass
802.11g	SISO	2412	/	/	-6.48	≤8	Pass
		2437	/	/	-8.03	≤8	Pass
		2462	/	/	-5.58	≤8	Pass
802.11n (HT20)	SISO	2412	/	/	-7.85	≤8	Pass
		2437	/	/	-7.52	≤8	Pass
		2462	/	/	-7.53	≤8	Pass
802.11n (HT40)	SISO	2422	/	/	-9.02	≤8	Pass
		2437	/	/	-9.72	≤8	Pass
		2452	/	/	-9.82	≤8	Pass
802.11ax (HEW20)	SISO	2412	RU26	0	-10.91	≤8	Pass
			RU52	37	-13.81	≤8	Pass
			RU106	53	-16.86	≤8	Pass
			RU242	61	-19.44	≤8	Pass
		2437	RU26	4	-11.57	≤8	Pass
			RU52	38	-12.57	≤8	Pass
			RU106	53	-16.57	≤8	Pass
			RU242	61	-19.85	≤8	Pass
		2462	RU26	8	-11.38	≤8	Pass
			RU52	40	-13.72	≤8	Pass
			RU106	54	-17.72	≤8	Pass
			RU242	61	-19.95	≤8	Pass
802.11ax (HEW40)	SISO	2422	RU26	0	-12.10	≤8	Pass
			RU52	37	-14.43	≤8	Pass
			RU106	53	-17.97	≤8	Pass
			RU242	61	-20.94	≤8	Pass
			RU484	65	-22.64	≤8	Pass
		2437	RU26	8	-10.55	≤8	Pass
			RU52	40	-14.04	≤8	Pass
			RU106	54	-16.58	≤8	Pass
			RU242	61	-20.43	≤8	Pass
			RU484	65	-23.34	≤8	Pass
		2452	RU26	17	-13.99	≤8	Pass
			RU52	44	-16.39	≤8	Pass
			RU106	56	-18.48	≤8	Pass
			RU242	62	-18.95	≤8	Pass
			RU484	65	-22.72	≤8	Pass

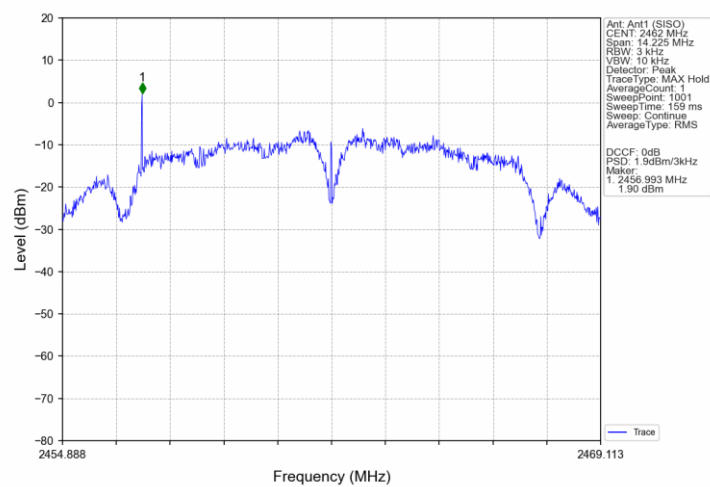
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



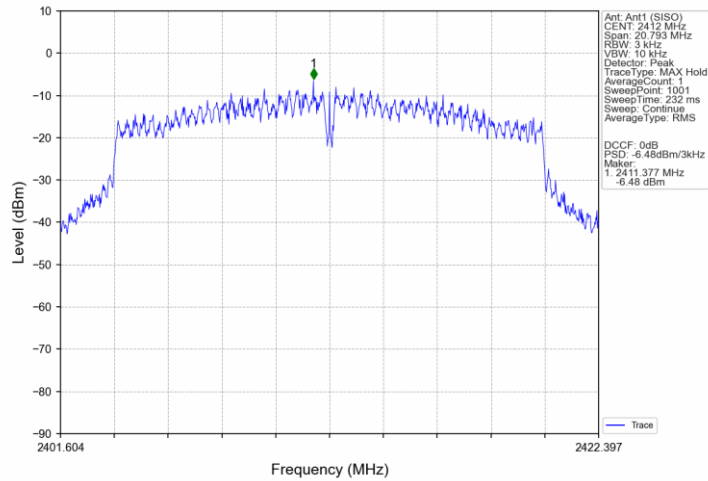
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



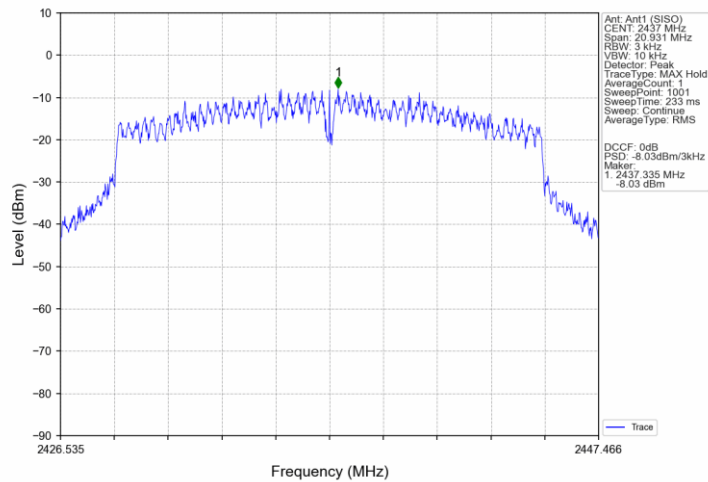
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



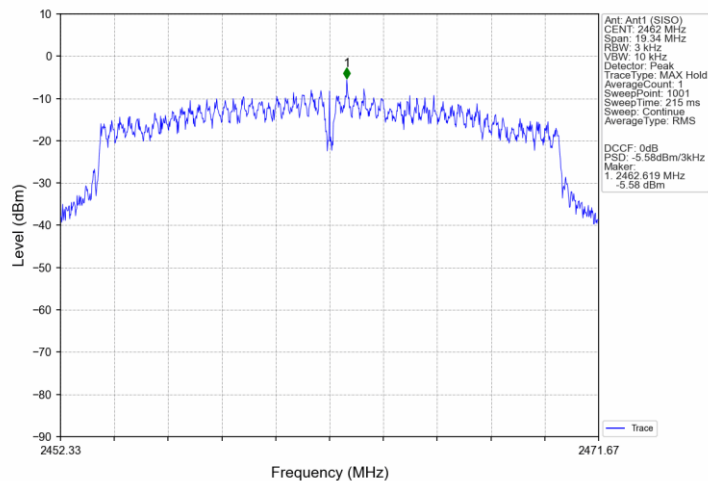
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



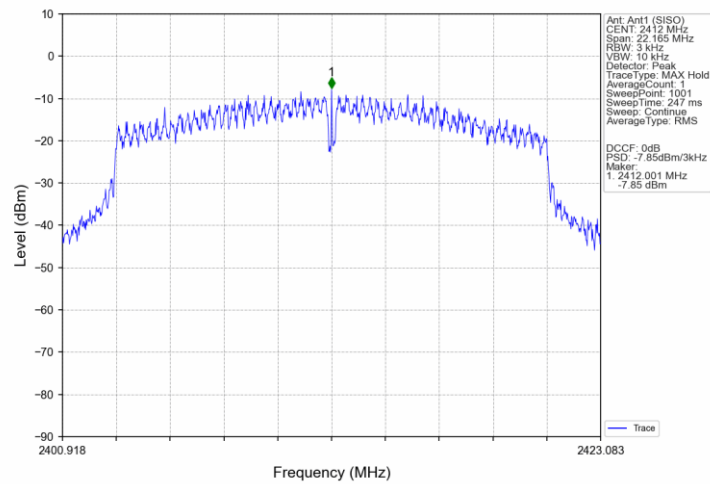
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



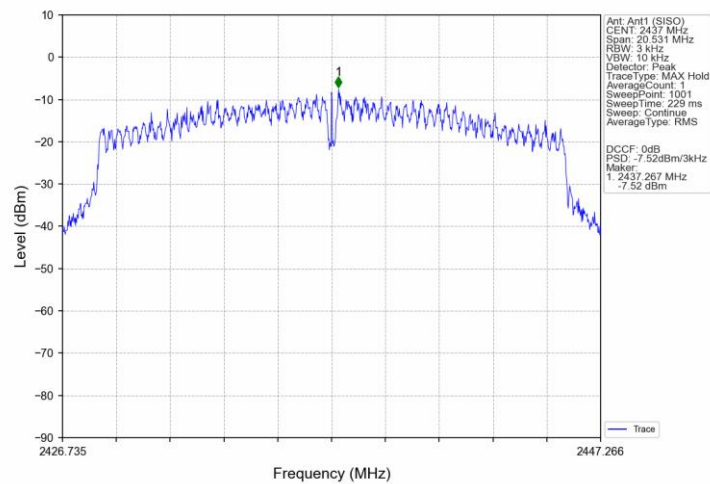
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



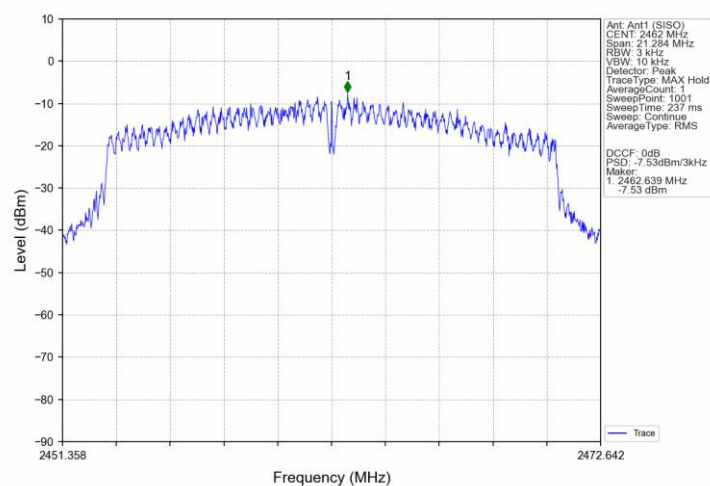
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



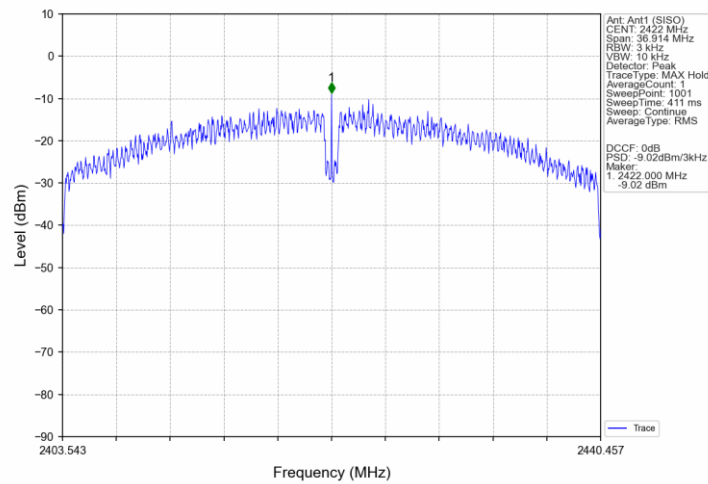
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



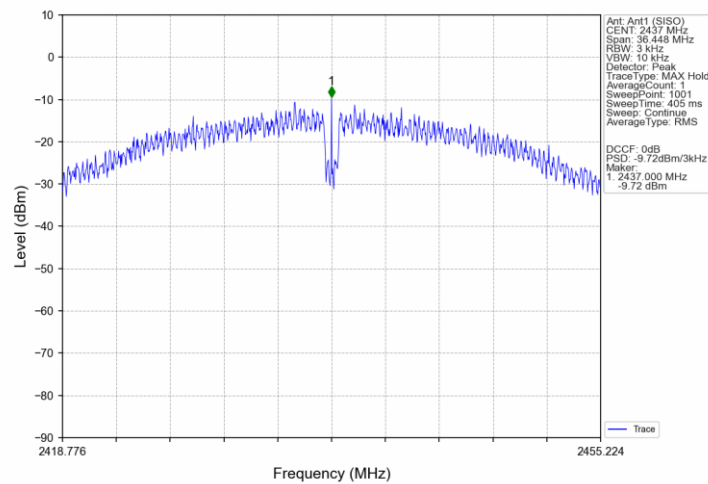
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



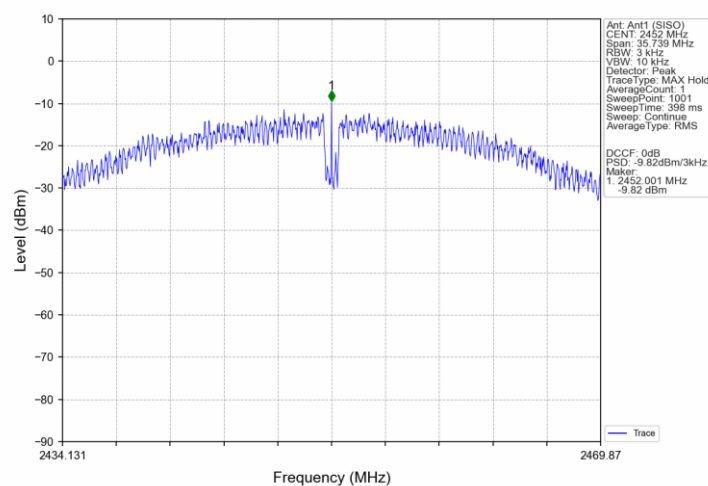
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



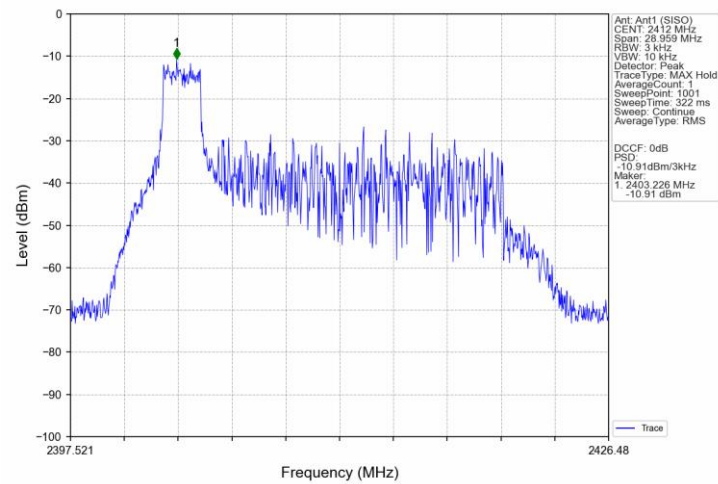
802.11n(HT40) MCH_2437MHz_Ant1 (SISO)_NTNV



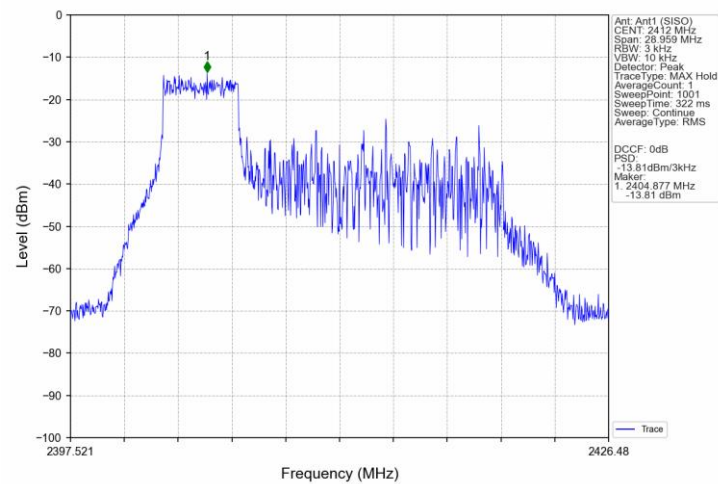
802.11n(HT40) HCH_2452MHz_Ant1 (SISO)_NTNV



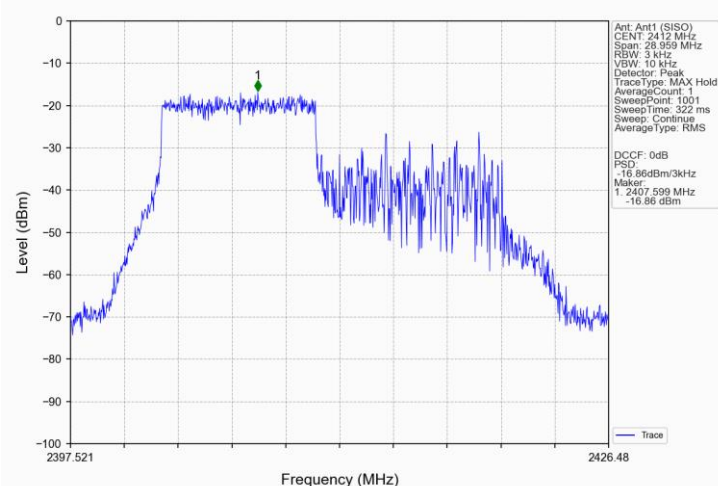
802.11ax(HEW20) LCH_2412MHz_RU26_0_Ant1 (SISO)_NTNV



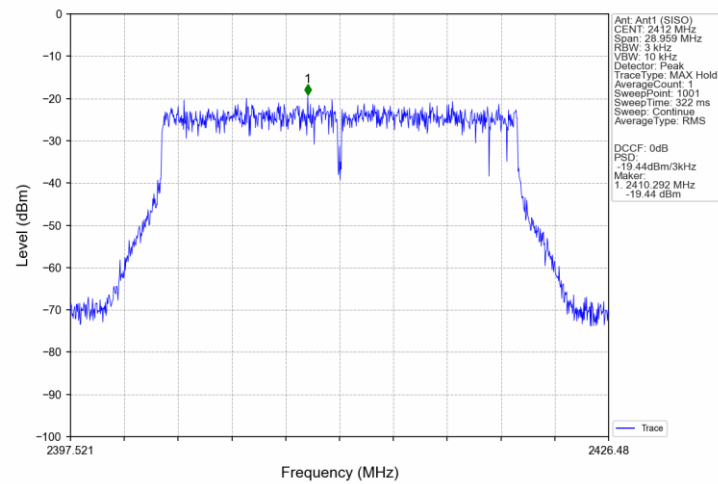
802.11ax(HEW20)_LCH_2412MHz_RU52_37_Ant1 (SISO)_NTNV



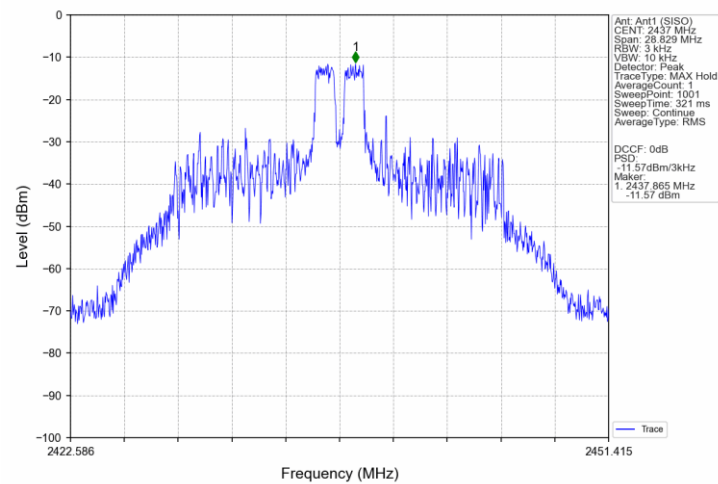
802.11ax(HEW20)_LCH_2412MHz_RU106_53_Ant1 (SISO)_NTNV



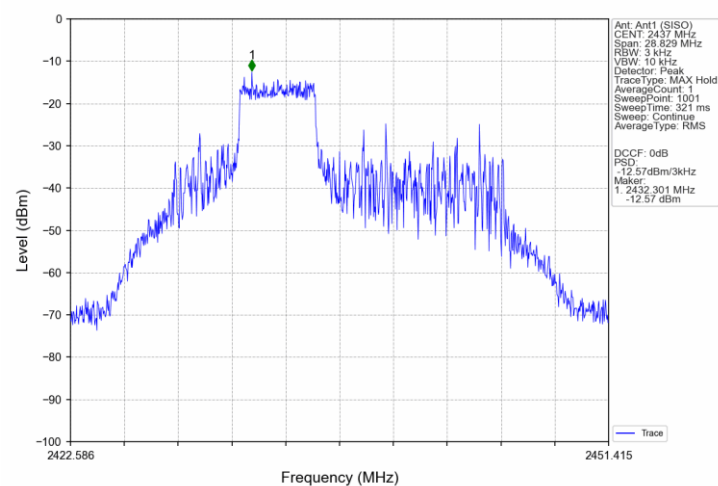
802.11ax(HEW20)_LCH_2412MHz_RU242_61_Ant1 (SISO)_NTNV



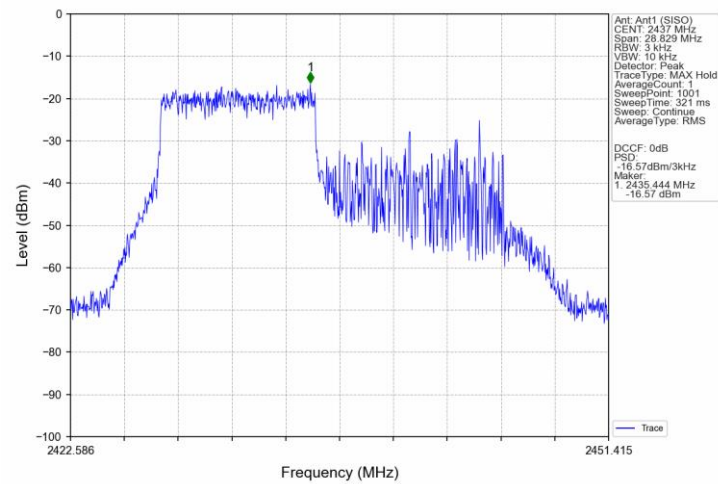
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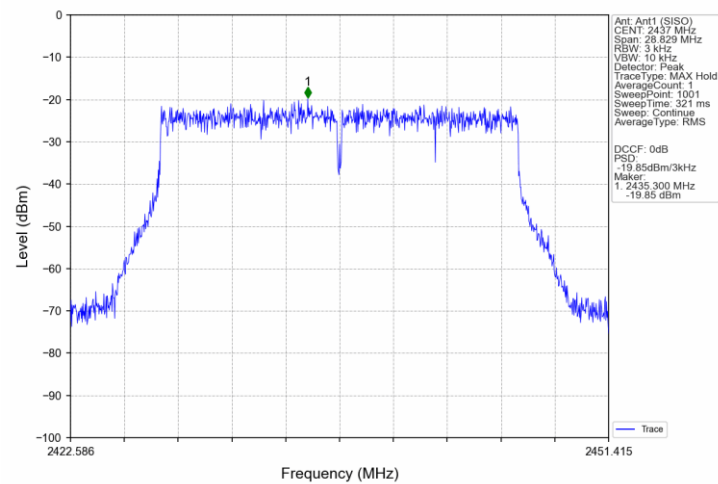
802.11ax(HEW20)_MCH_2437MHz_RU52_38_Ant1 (SISO)_NTNV



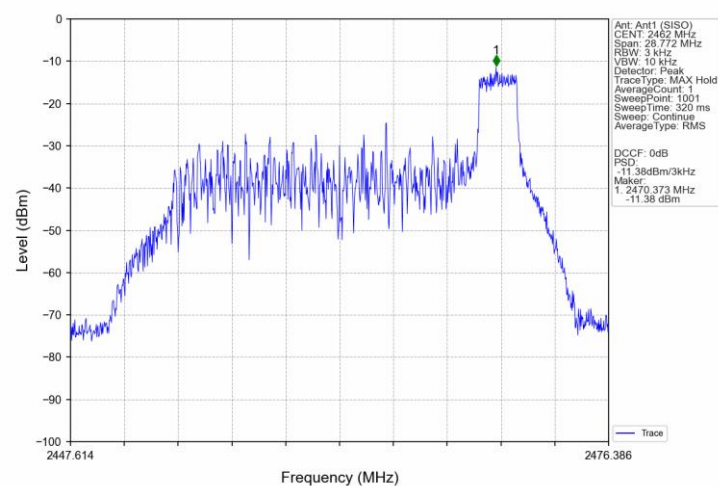
802.11ax(HEW20)_MCH_2437MHz_RU106_53_Ant1 (SISO)_NTNV



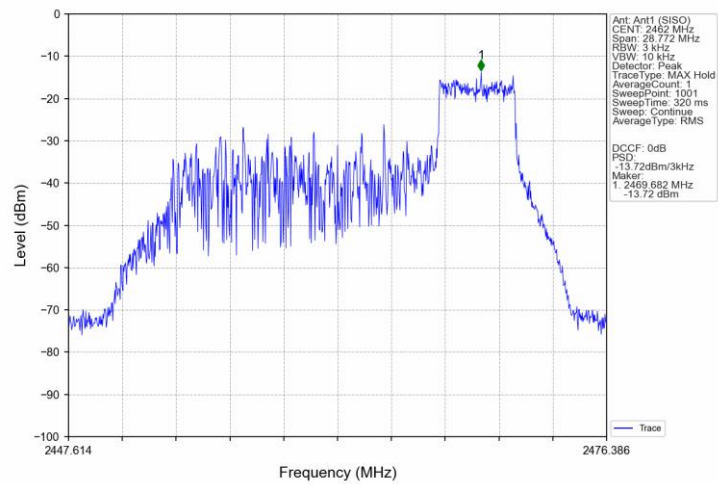
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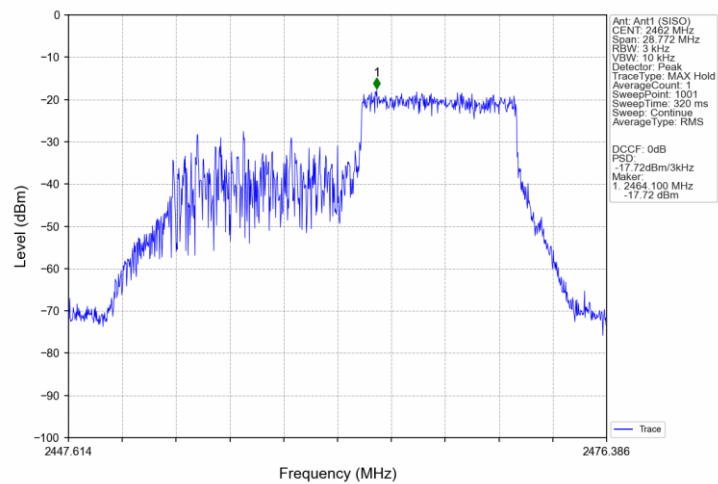
802.11ax(HEW20)_HCH_2462MHz_RU26_8_Ant1 (SISO)_NTNV



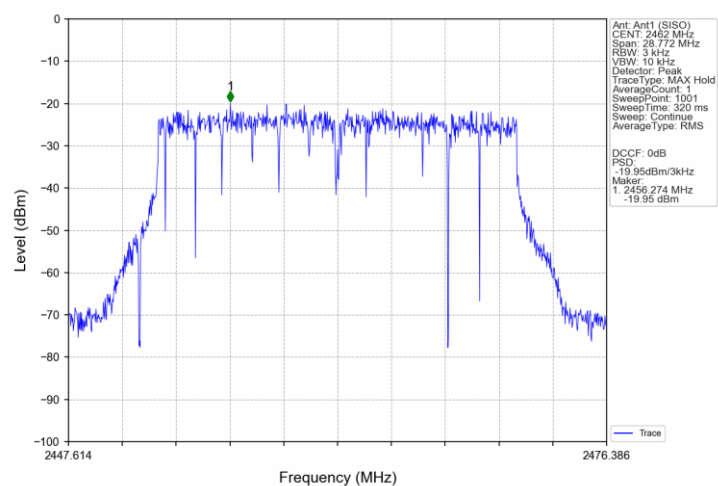
802.11ax(HEW20)_HCH_2462MHz_RU52_40_Ant1 (SISO)_NTNV



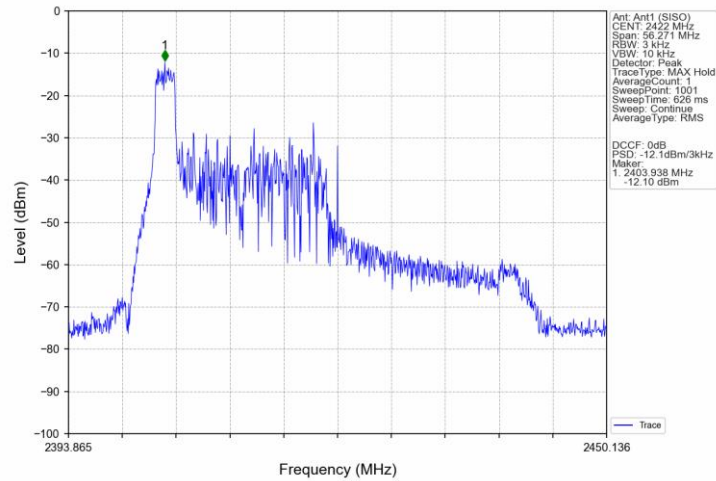
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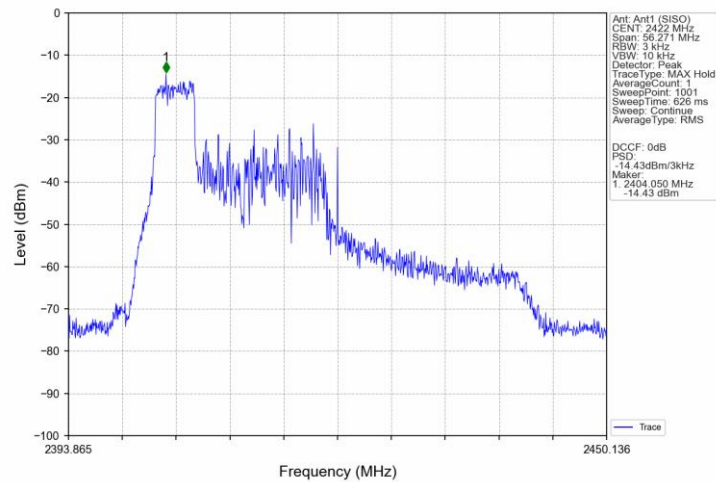
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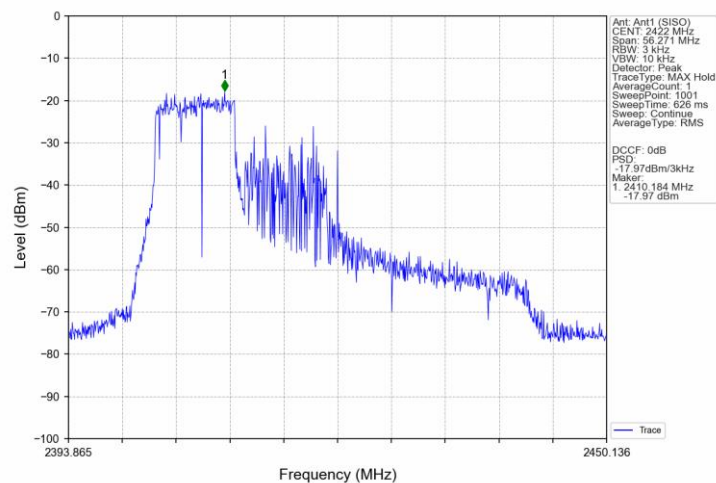
802.11ax(HEW40)_LCH_2422MHz_RU26_0_Ant1 (SISO)_NTNV



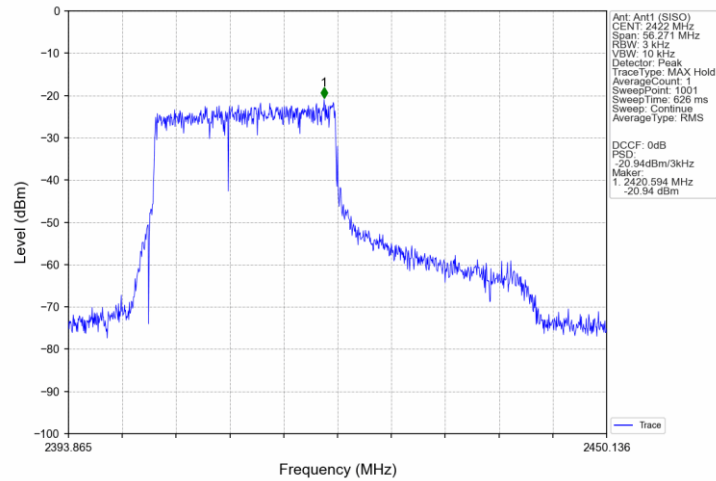
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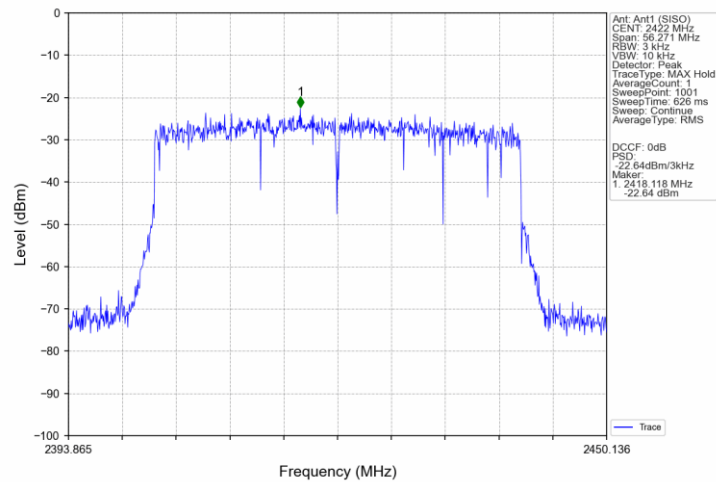
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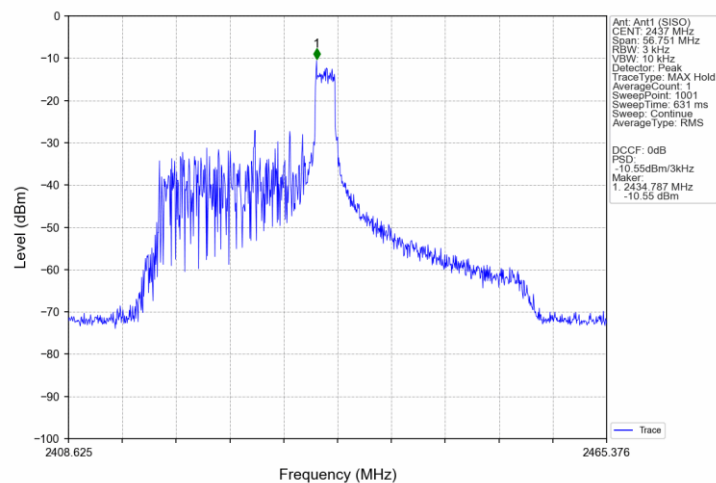
802.11ax(HEW40)_LCH_2422MHz_RU242_61_Ant1 (SISO)_NTNV



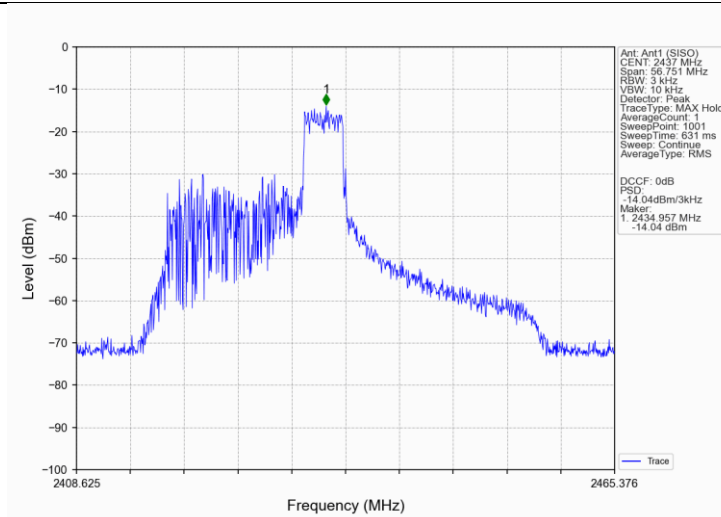
802.11ax(HEW40)_LCH_2422MHz_RU484_65_Ant1 (SISO)_NTNV



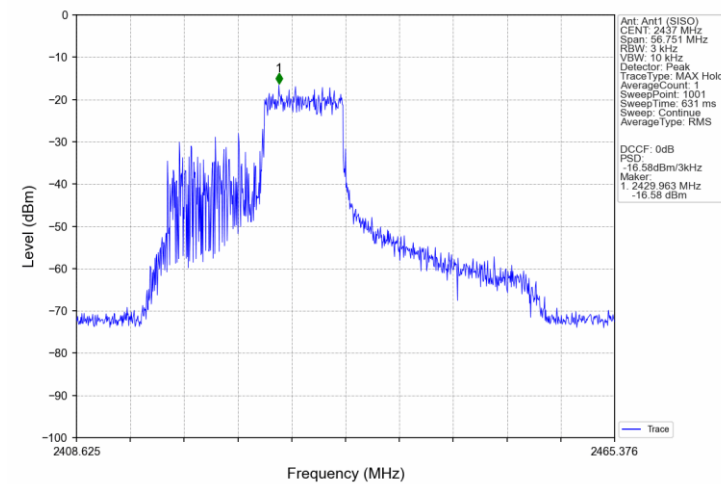
802.11ax(HEW40)_MCH_2437MHz_RU26_8_Ant1 (SISO)_NTNV



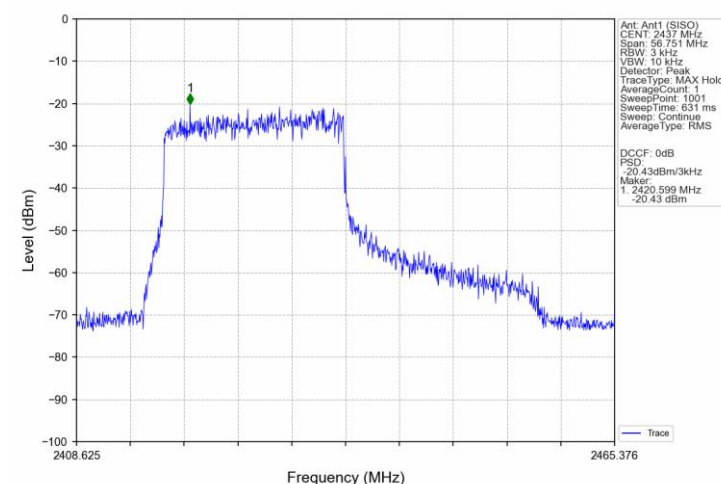
802.11ax(HEW40)_MCH_2437MHz_RU52_40_Ant1 (SISO)_NTNV



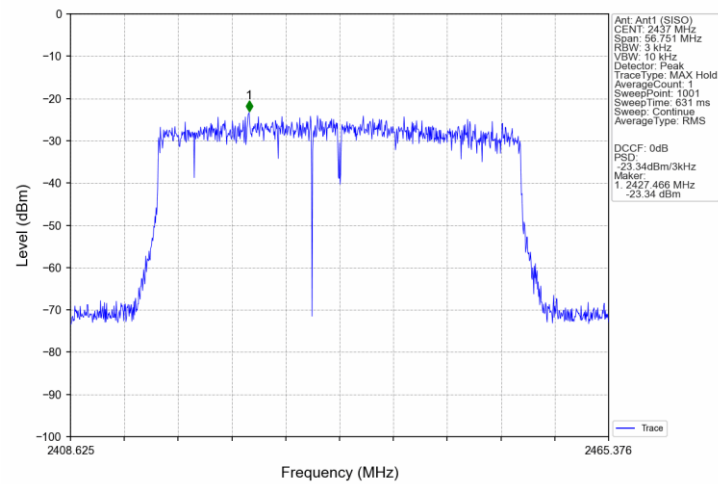
802.11ax(HEW40)_MCH_2437MHz_RU106_54_Ant1 (SISO)_NTNV



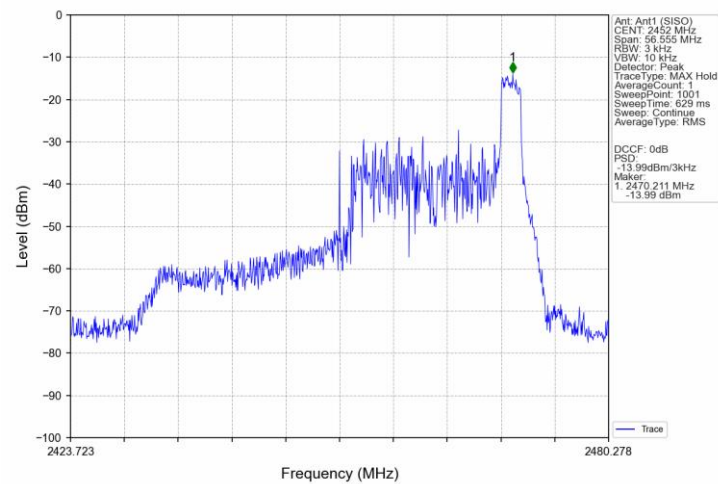
802.11ax(HEW40)_MCH_2437MHz_RU242_61_Ant1 (SISO)_NTNV



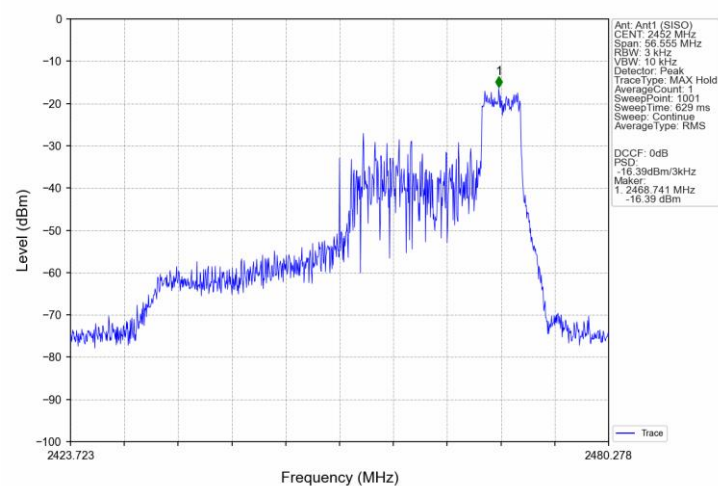
802.11ax(HEW40)_MCH_2437MHz_RU484_65_Ant1 (SISO)_NTNV



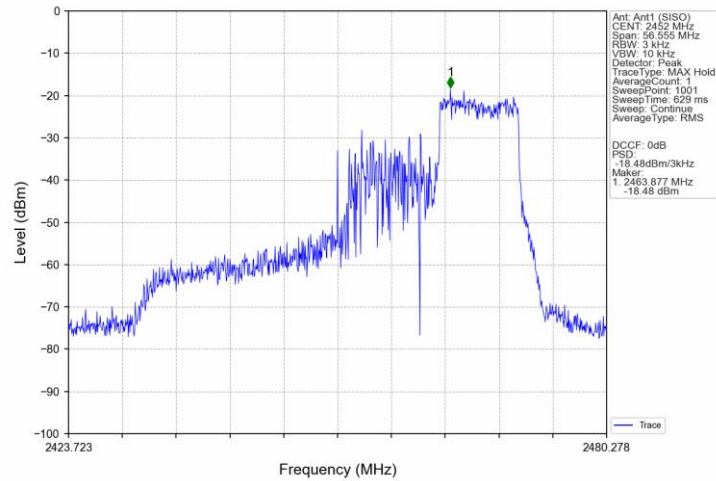
802.11ax(HEW40)_HCH_2452MHz_RU26_17_Ant1 (SISO)_NTNV



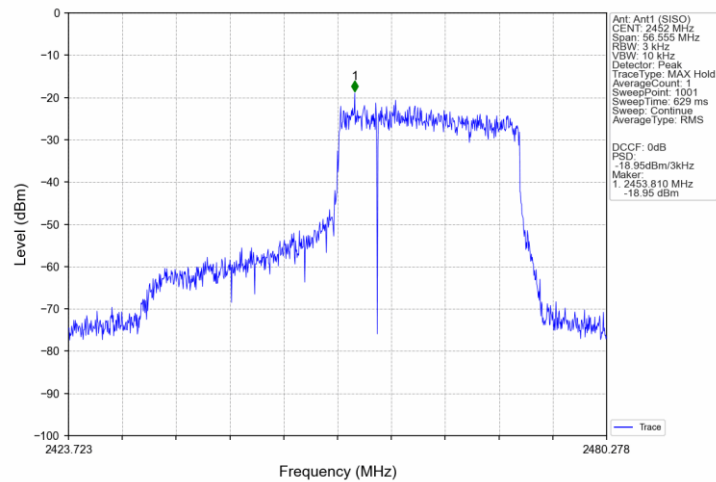
802.11ax(HEW40)_HCH_2452MHz_RU52_44_Ant1 (SISO)_NTNV



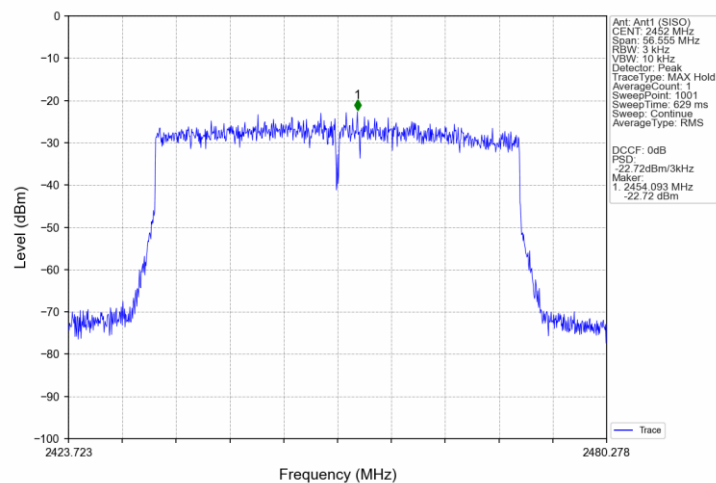
802.11ax(HEW40)_HCH_2452MHz_RU106_56_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU242_62_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_65_Ant1 (SISO)_NTNV



9.4 Spurious RF Conducted Emissions

Test Method

1. The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.
2. Set to the maximum power setting, the instrument center frequency is set to the nominal EUT channel center frequency enable the EUT transmit continuously.
3. Use the following spectrum analyzer settings:
Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.
RBW = 100 kHz, VBW $\geq$ 3RBW, Sweep = auto, Detector function = peak, Trace = max hold
4. Allow the trace to stabilize. Set the marker on the peak of any spurious emission recorded.
5. The level displayed must comply with the limit specified in this Section. Submit these plots.
6. Repeat above procedures until all frequencies measured were complete.

Limit

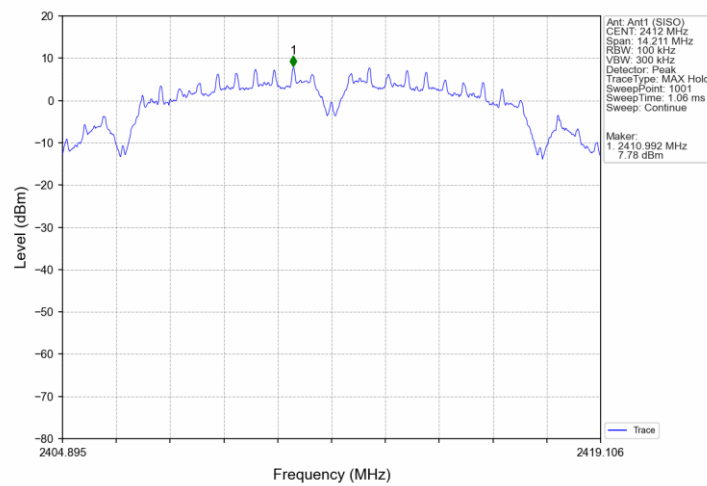
Frequency Range MHz	Limit (dBc)
30-25000	-20

Spurious RF conducted emissions

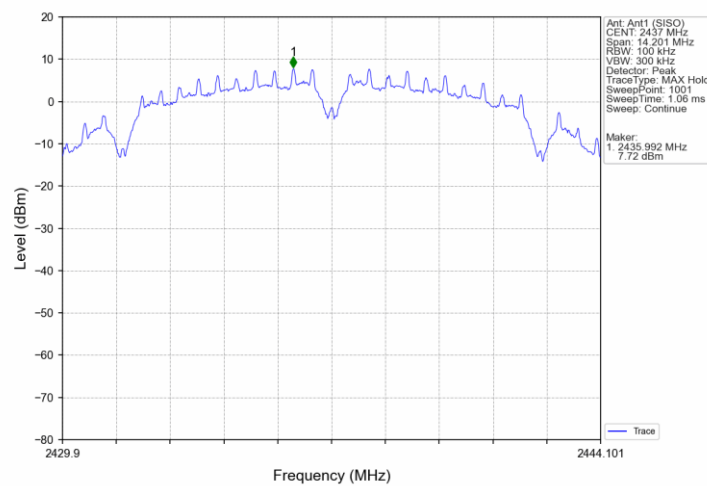
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	7.78	-12.22	Pass
		2437	/	/	1	7.72	-12.28	Pass
		2462	/	/	1	7.47	-12.53	Pass
802.11g	SISO	2412	/	/	1	6.02	-13.98	Pass
		2437	/	/	1	6.35	-13.65	Pass
		2462	/	/	1	6.66	-13.34	Pass
802.11n (HT20)	SISO	2412	/	/	1	5.27	-14.73	Pass
		2437	/	/	1	5.75	-14.25	Pass
		2462	/	/	1	5.84	-14.16	Pass
802.11n (HT40)	SISO	2422	/	/	1	3.05	-16.95	Pass
		2437	/	/	1	2.83	-17.17	Pass
		2452	/	/	1	3.50	-16.50	Pass
802.11ax (HEW20)	SISO	2412	RU26	0	1	3.12	-16.88	Pass
			RU52	37	1	-1.34	-21.34	Pass
			RU106	53	1	-3.22	-23.22	Pass
			RU242	61	1	-5.34	-25.34	Pass
		2437	RU26	4	1	2.30	-17.70	Pass
			RU52	38	1	-0.36	-20.36	Pass
			RU106	53	1	-3.41	-23.41	Pass
			RU242	61	1	-5.15	-25.15	Pass
		2462	RU26	8	1	0.87	-19.13	Pass
			RU52	40	1	-1.35	-21.35	Pass
			RU106	54	1	-3.69	-23.69	Pass
			RU242	61	1	-5.48	-25.48	Pass
802.11ax (HEW40)	SISO	2422	RU26	0	1	1.50	-18.50	Pass
			RU52	37	1	-1.50	-21.50	Pass
			RU106	53	1	-4.14	-24.14	Pass
			RU242	61	1	-4.94	-24.94	Pass
			RU484	65	1	-7.86	-27.86	Pass
		2437	RU26	8	1	2.75	-17.25	Pass
			RU52	40	1	0.06	-19.94	Pass
			RU106	54	1	-2.91	-22.91	Pass
			RU242	61	1	-6.09	-26.09	Pass
			RU484	65	1	-7.61	-27.61	Pass
		2452	RU26	17	1	-0.28	-20.28	Pass
			RU52	44	1	-2.68	-22.68	Pass
			RU106	56	1	-4.53	-24.53	Pass
			RU242	62	1	-5.56	-25.56	Pass
			RU484	65	1	-7.94	-27.94	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

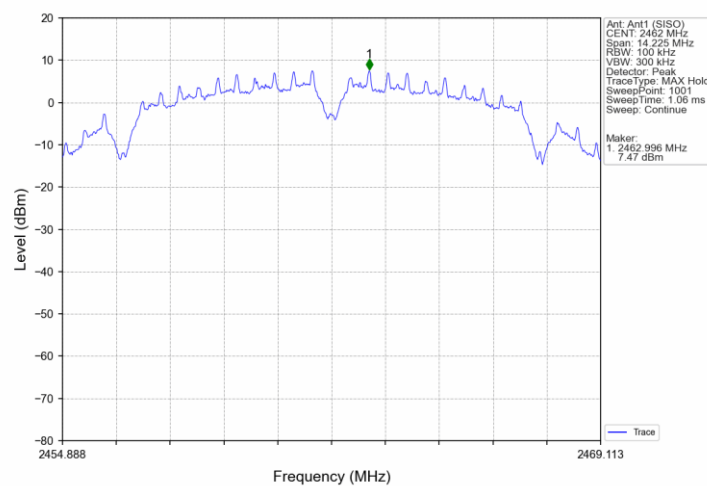
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV